4.2. If noise gas with high concentration existed, may the tester won't work normally.

4.3. If testing is done under low voltage, certain error will be existed between the real value.

4.4. To ensure the testing result, please wait 10 min to take the testing after your drinking.

4.5. Please operate it strictly according to this instruction. If long time not use, when you first begin a new testing, the first two times testing result may be unreliable, just begin testing from the third time, otherwise the result will also not be accurate.

4.6. Do not keep the tester in the environment of Corrosive gas (Chlorine etc) for use or deposit, also in other bad surroundings.

4.7. Under normal detections, sensor life could be more than two years.

4.8. After Long time use, there may be dirt on the tester, please use clean cloth to wipe off. Do not use any hard object or the solvent with any Corrosive ingredient.

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Breath Alcohol Tester

AT6000 Operation Manual

Preface

◆ Reminding Before your testing.
◆ Alco Smart Breath tester should be used only to give an indication of the possible presence of alcohol in the breath/blood. You should not rely upon it as the sole basis to determine intoxication or whether it is safe to drive a vehicle, operate equipment, or engage in dangerous activities.
◆ Everyone has different body responds to alcohol consumption and his testing result only as reference, not a subject standard for consequent decision.
◆ The manufacture, importer or distributor takes no responsibility whatsoever for the use of this product for any reason. This product must not be used as a tool for determining whether a person is able to operate a motor vehicle or device legally or safely. The intake of any alcohol will impair reflexes and judgment to operate motor vehicle.
◆ Before your testing, please view the manual carefully and follow the instruction strictly.

General Introduction

◆ At6000 breath alcohol tester is kind of tester designed to measure concentration result of the breathed alcohol in the human body. This device adopts advanced NM Hot-wire alcohol sensor which has excellent sensitivity and reproducibility, fashion and portable design make it more convenient for personal use.
◆ When the alcohol content exceeds the preset limited level, this device would send an audio and video warning to remind your safety.

Main Feature:

◆ Advanced NM Hot-wire alcohol sensor
◆ Quick response
◆ SMD assembling, stable performance
◆ Smart MCU control
◆ Direct testing process LCD indication
◆ Digital LCD display with light blue backup
◆ Portable and fashion design
◆ Audio warning beyond pre-set limit
◆ Battery saved design, low voltage indication

Technical Data

Sensor type: NM Hot-wire alcohol sensor

Detection Range: 0.00~0.19 %BAC;

0.00~1.99 ‰BAC;

0.00~0.99 mg/L;

0.00~199 mg/100mL

Alarming Level: 0.05 %BAC; 0.50 ‰BAC;

0.25 mg/L; 50 mg/100mL

Accuracy: ±0.01 %BAC; ±0.10 ‰BAC;

±0.05 mg/L; ±10 mg/100mL

Response Time: <5s   Warm-up Time: <20s

Resume Time: ≤20s

Working Voltage: 3×AAA Batteries;

Working Current: ≤120mA

Working Environment: Temperature -10℃~50℃

Relative Humidity ≤95% No Dews

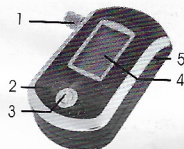Display: 3 digits LCD display with light blue backup

Dimension: 103×65×27mm (L×W×H),

≤64g Battery excluded

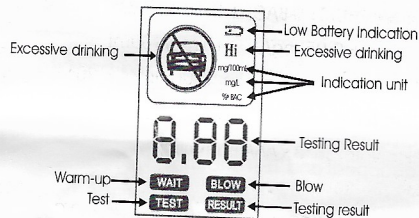Battery expectancy time: ≥200Times

1. Structure and Function Guide
1.1 Structure Guide

Picture 1

1	Mouthpiece
2	Buzzer hole
3	Switch Button
4	LCD Screen
5	Vent hole

1.2 Function Guide

Picture 2

Digital Indication:

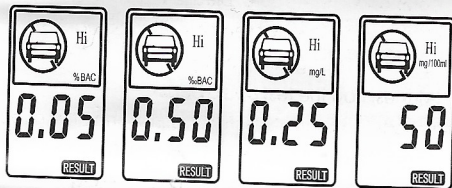| 8.8 8 | Alcohol content |
20s Countdown	Warm-up Countdown
"C" on the LCD	Ready for blow
000 flash	Working mode conversion

2. Operation Instruction

2.1. Slide down the battery compartment on the back side, insert 3pcs AAA 1.5V batteries inside according to battery polarity indication and close it.

2.2. Press the switch button last for 1S, the tester would be on with a buzzer brief ringing, 'Wait' flashes and Warm-up of 20 sec begin, the fig on the LCD Countdown from 100-0, please wait now. Until "Wait" disappears, tester will send out a ring, meantime "BLOW" and "C" gliding, also the small car icon twinkles, now the test could begin.

2.3. Have a deep breath before testing, and blow directly to gas entry until a buzzer ringing, "000" twinkles for 4S on the screen, at the same time the "BLOW" disappear and 'TEST' shown.

2.4. Tester will send out a ring after testing process finished, the LCD screen would give the readout of temporal alcohol concentration (If the testing result is lower than preset level, only the car icon twinkles; If the testing result is higher than preset level, the buzzer ringing continuously, at the same time the "Hi" and "No Driving" icon twinkles), this result would be keep on the screen for 10 sec, then cut off the power supply automatically with two buzzer ringing.

3. Readings

3.1. When the display is more than 0.05%BAC or 0.50‰BAC or 0.25mg/L (BrAC) or 50mg/100ml , the tester will send an alarm.

3.2. Unit conversion: under the test result mode, hold down he "Power" button to change the units (%BAC , ‰BAC , mg/L , mg/100ml) , the final displayed for the next test.

4. Notification

4.1. Avoid any fall or strong shock.